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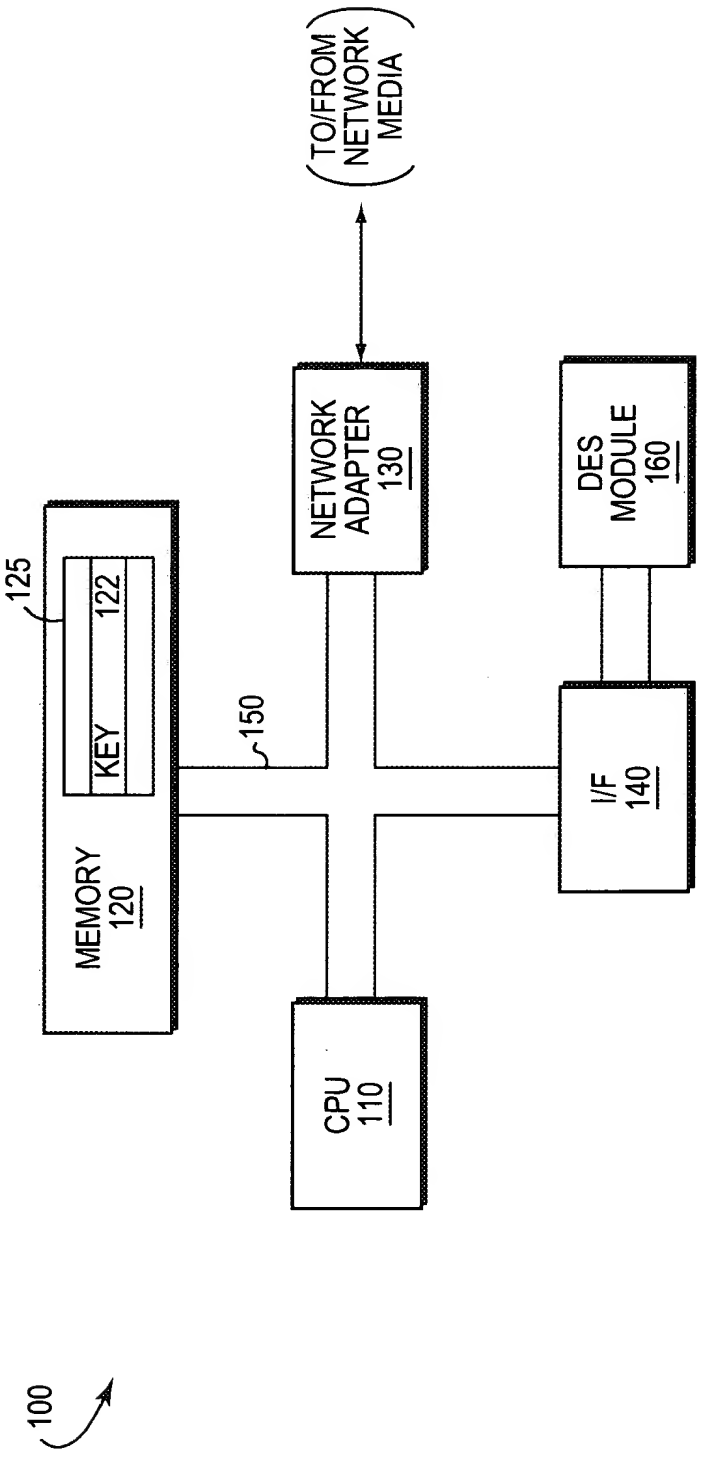

FIG. 1
PRIOR ART

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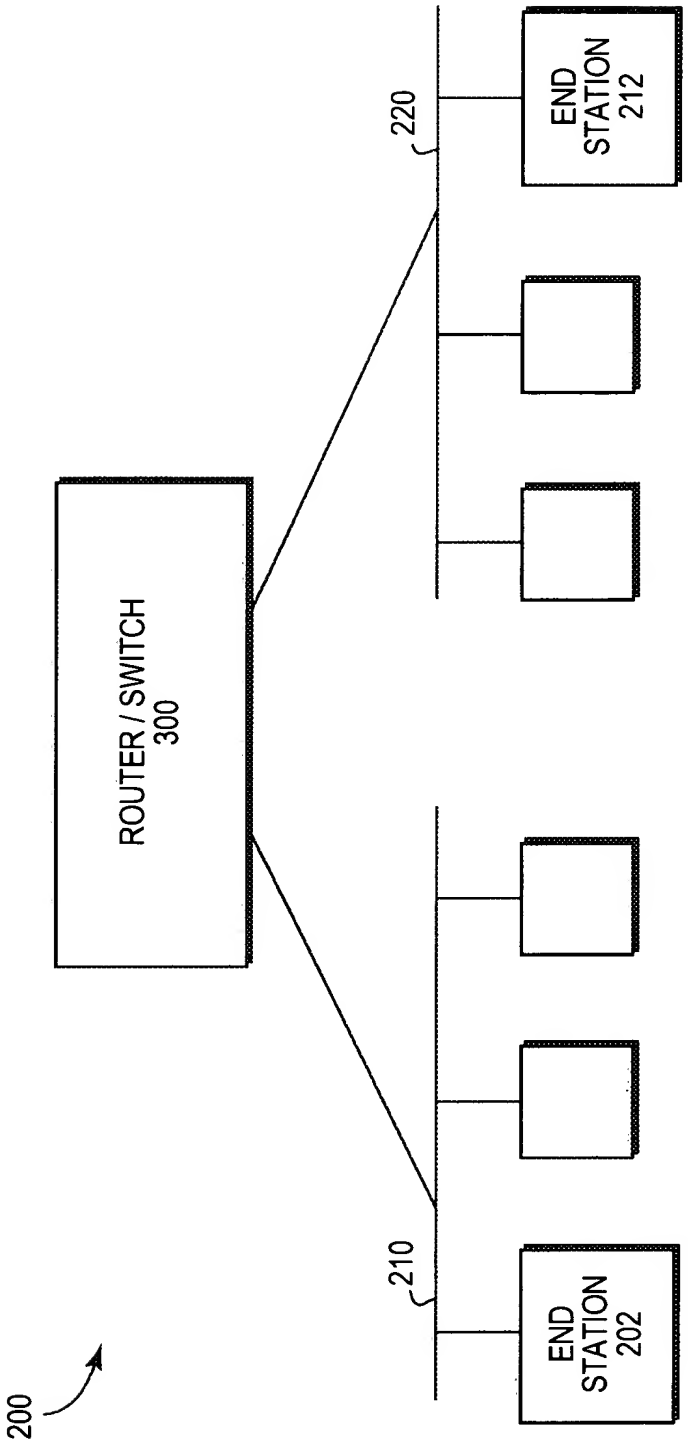

FIG. 2

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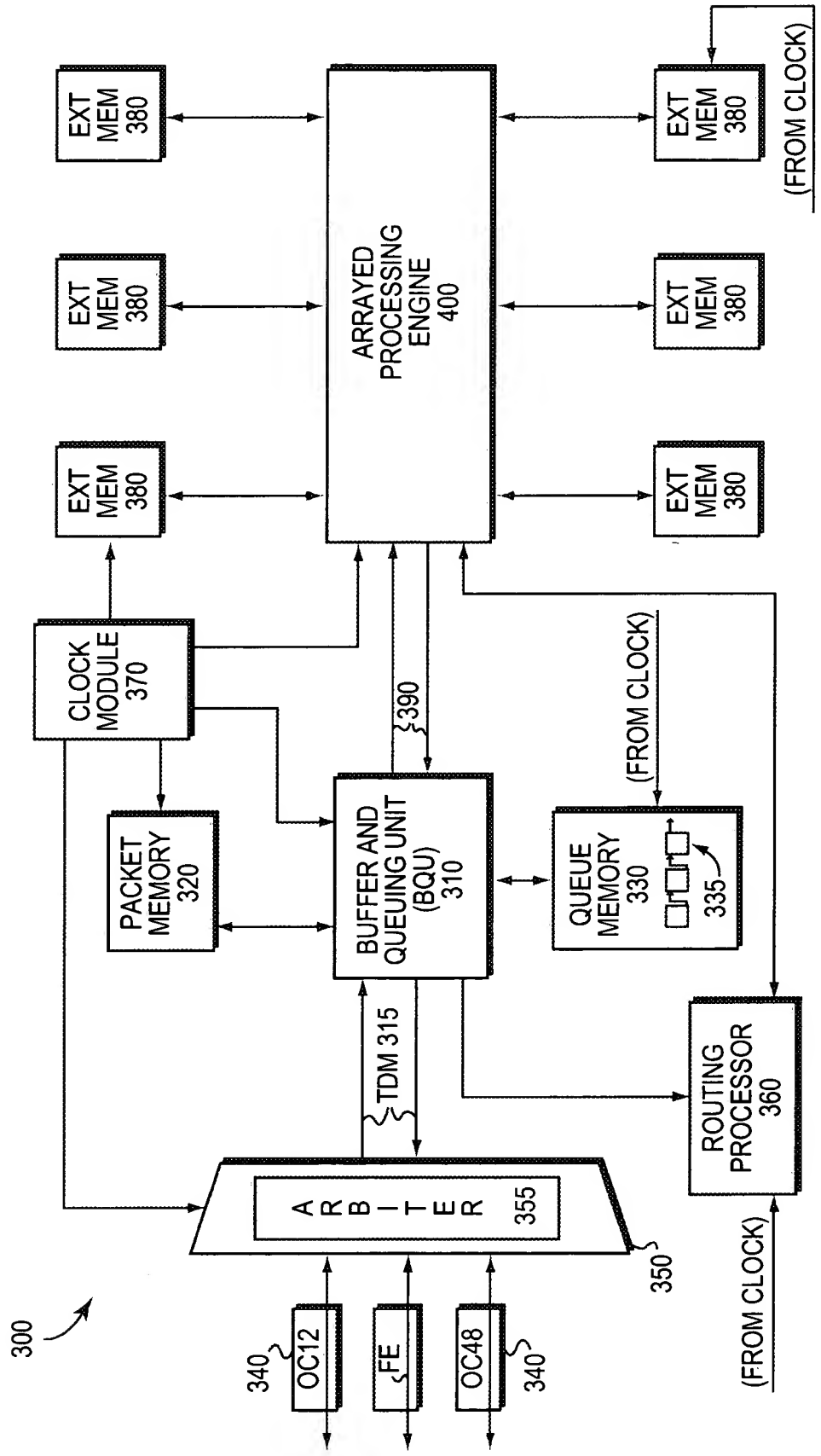

FIG. 3

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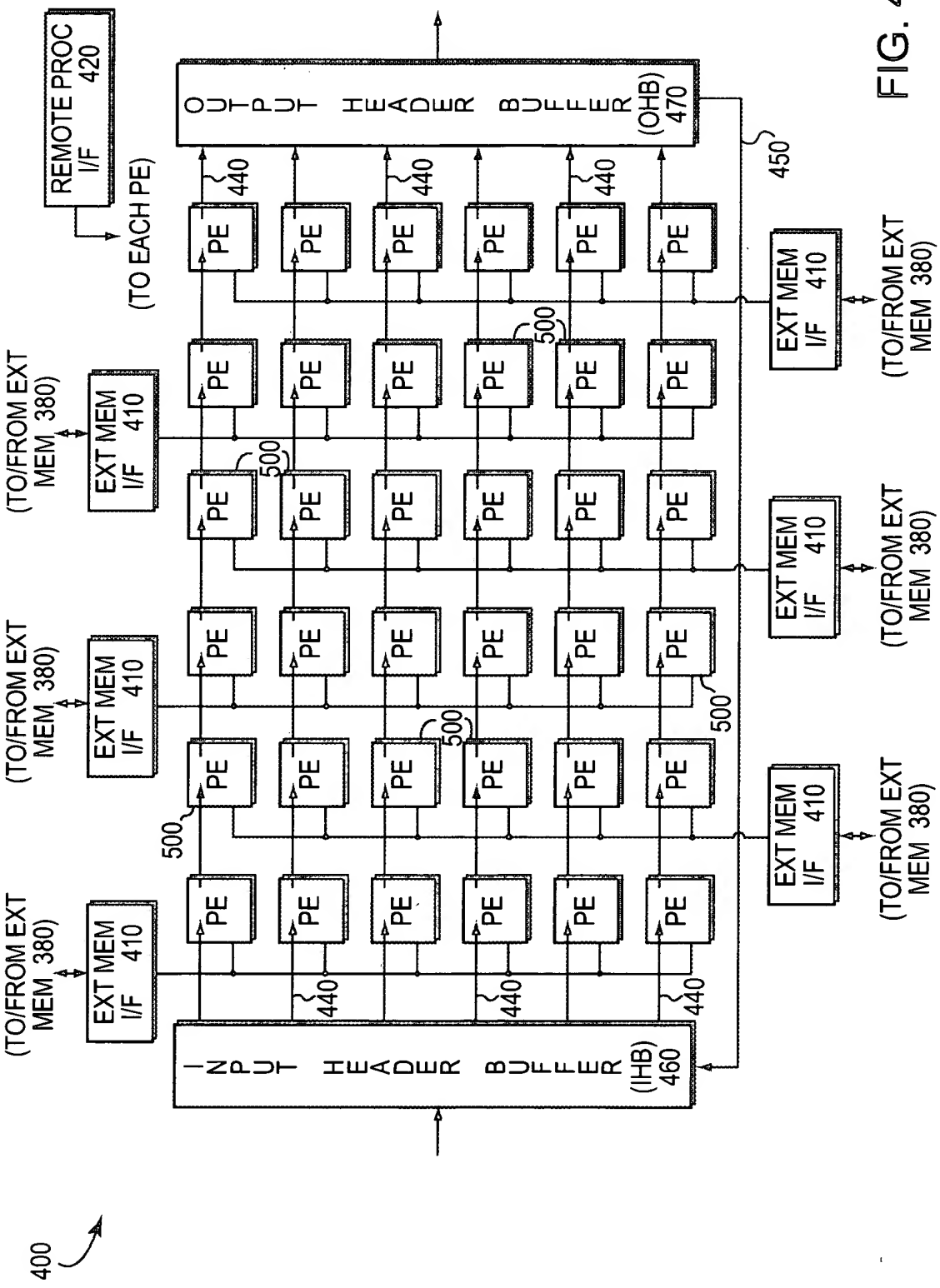

FIG. 4

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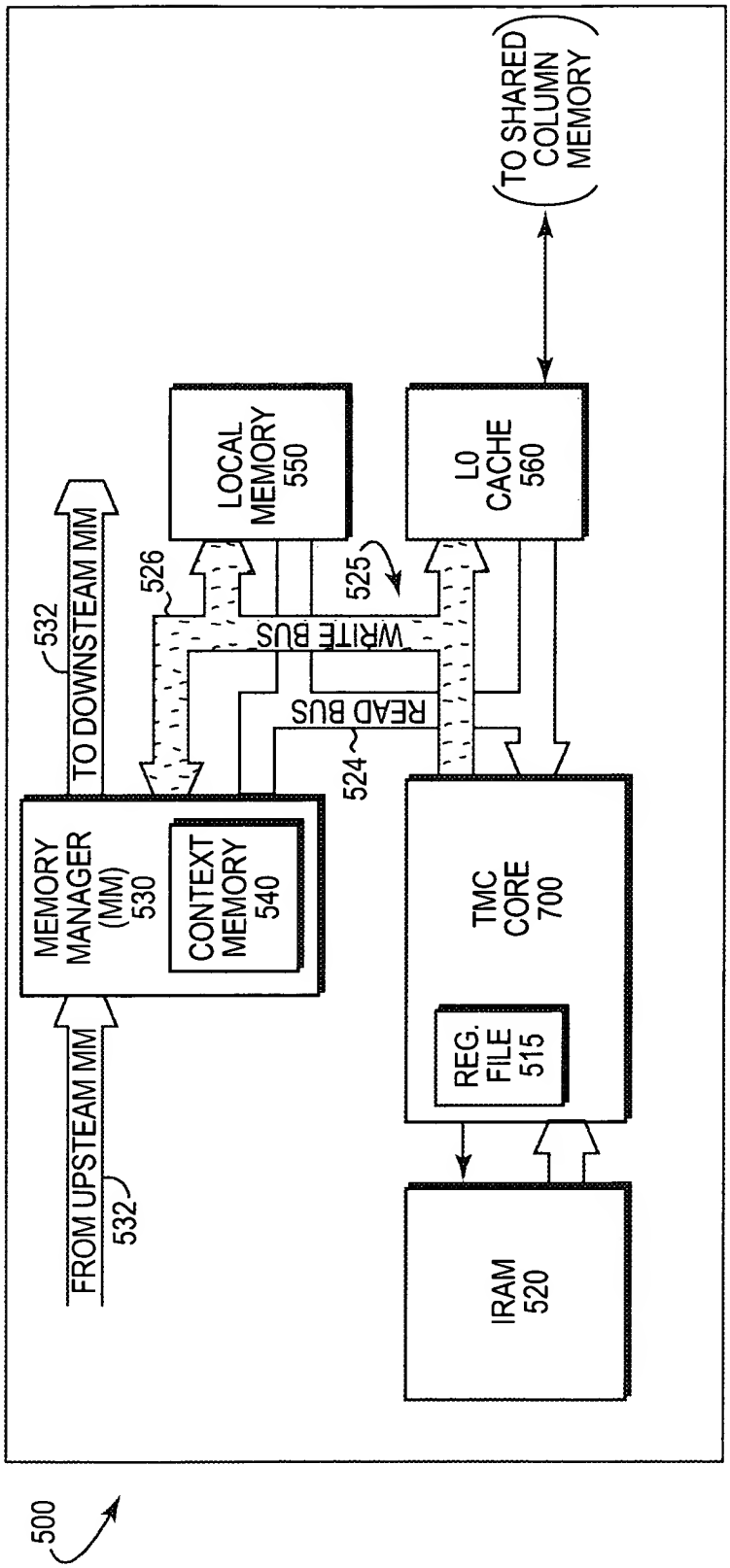

FIG. 5

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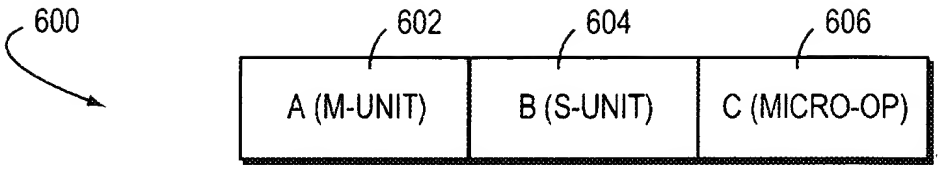

FIG. 6

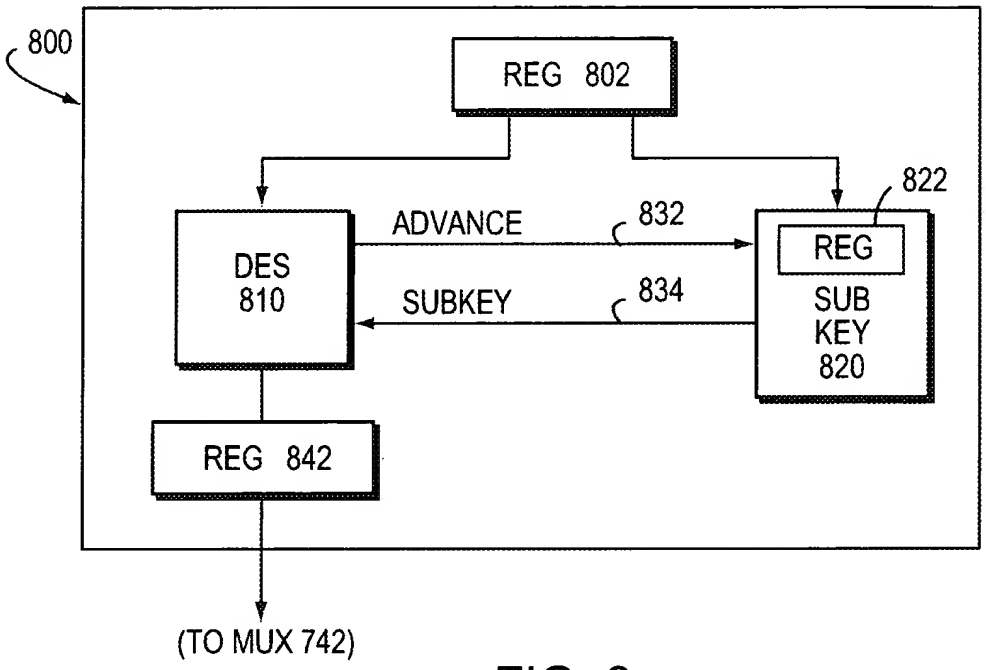

FIG. 8

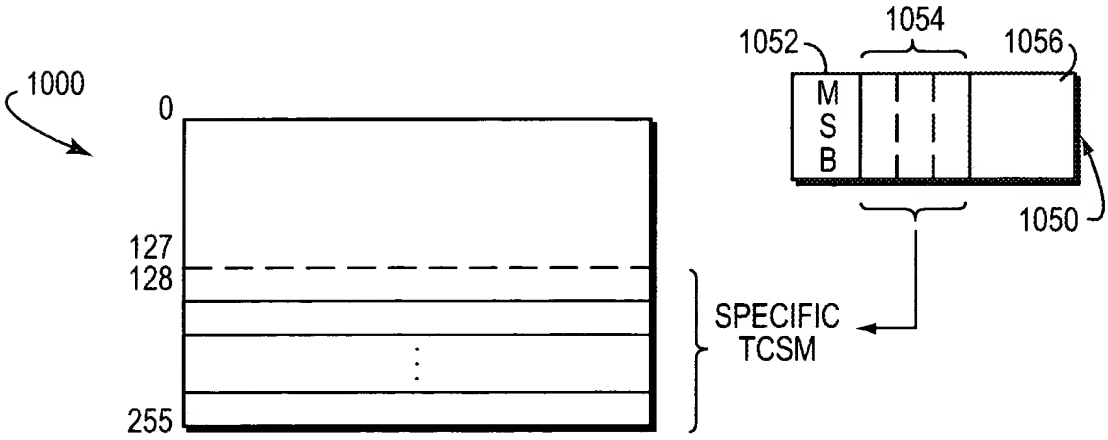

FIG. 10

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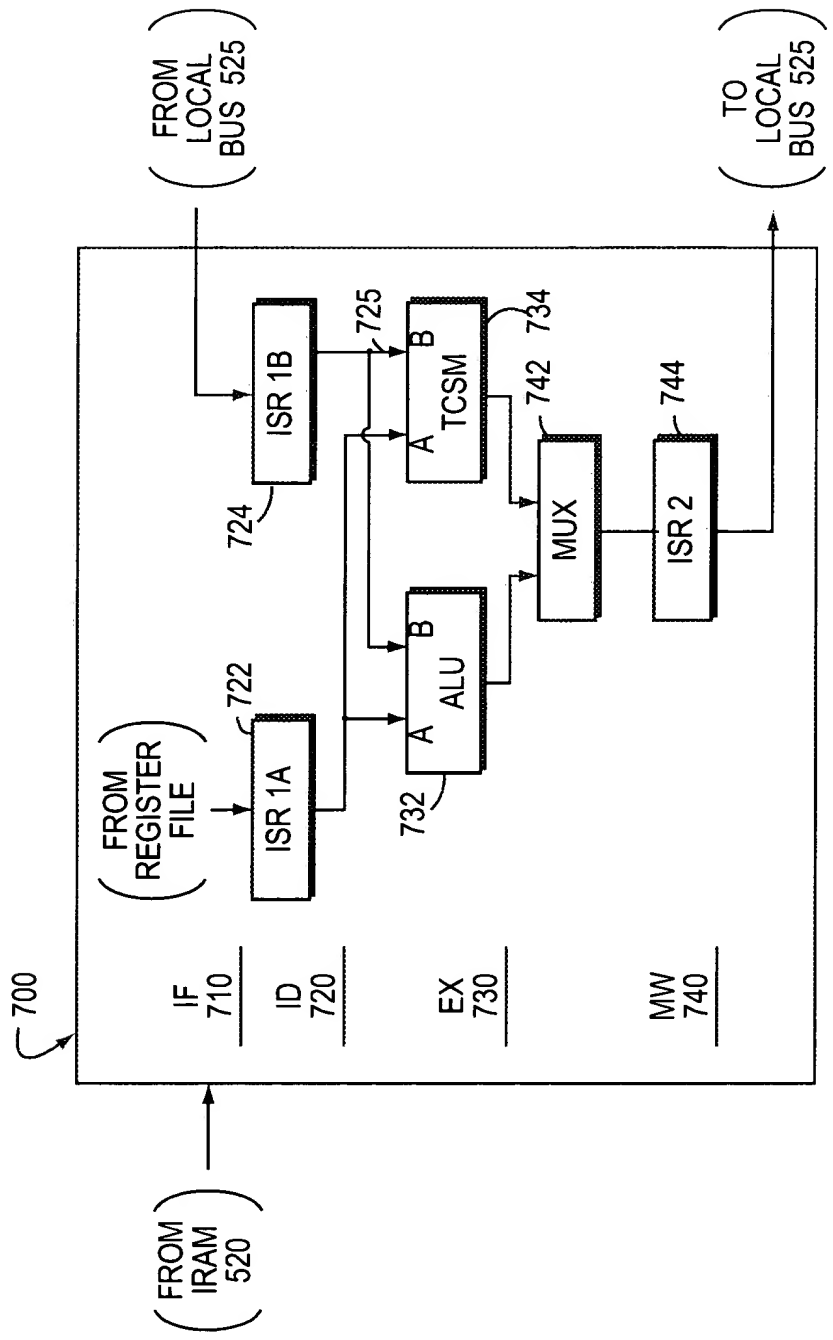

FIG. 7

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900

INITIALIZE:

910 ~ XDES ENCRYPT

LOAD INITIAL KEY:

920 ~ MOR rØ, rØ, KEY(rØ) (922) INIT KEY (924)

LOAD PLAINTEXT AND START DES:

930 ~ MOR rØ, rØ, PLAIN(rØ) DES
(SINGLE DES FUNCTION)

LOAD CIPHERTEXT:

910 ~ SPR, IAR, DES-RESULT

WRITE CIPHERTEXT:

950 ~ MOR CIPHER(rØ), rØ, rØ TR

960 ~ MOR (rI), rØ, PLAINI(rØ) DES

FIG. 9